

CLAIMS

1. A device for recording information by means of
5 imaging with the aid of at least one light-sensitive
sensor (8) with a two-dimensional sensor surface,
c h a r a c t e r i s e d in that

the device is adjustable between a first mode, in
which the device is adapted to essentially abut against
10 and be passed over a surface for imaging the same by
means of a plurality of images, and a second mode, in
which the device is adapted to reproduce an image of an
object located at a distance.

2. A device according to claim 1, wherein said
15 device is adapted to store information in character-
coded format in the first mode and in image format in
the second mode.

3. A device according to claim 1 or 2, wherein the
device comprises two light-sensitive sensors (8) with a
20 two-dimensional sensor surface, one sensor being used in
the first mode and the other sensor in the second mode.

4. A device according to any one of the preceding
claims, wherein the device has a light-sensitive sensor
which is used both in the first and in the second mode.

5. A device according to claim 4, further comprising
25 a lens means (7) which is adapted to project an image of
the information onto the sensor surface (8) and which is
adjustable between a first position in the first mode and
a second position in the second mode for providing two
30 different foci.

6. A device according to any one of claims 1-4, fur-
ther comprising a lens means (7) which is adapted to pro-
ject an image of the information onto the sensor surface
(8), the position of the lens means (7) being variable
35 for providing a variable focus.

7. A device according to any one of the preceding
claims, wherein said device is adapted to carry out the

imaging of the surface in the first mode in such a way that the images have partially overlapping contents.

8. A device according to claim 7, further comprising a signal-processing unit (20), which is adapted to
5 utilise the partially overlapping contents of the images for putting together the images into a composite image, no recording being required of the position of the device relative to the surface which is being imaged.

9. A device according to claim 8, wherein the
10 signal-processing unit is adapted to carry out the putting-together of the images horizontally as well as vertically.

10. A device according to claim 8 or 9, wherein the signal-processing unit (20) further comprises software
15 for identifying characters in the composite image and for storing the same in the device in character-coded format.

11. A device according to any one of the preceding claims, further comprising a transceiver for wireless communication with an external unit.

20 12. A device according to any one of the preceding claims, wherein said device is adapted to effect the imaging in the first mode with lower resolution than the imaging in the second mode.

13. A device according to any one of the preceding
25 claims, wherein said device is of the hand-held type.

14. A device according to any one of the preceding claims, further comprising identification means (25) for identifying the extent of the imaging.

15. A device according to claim 14, wherein the
30 identification means comprises a display (25).

16. A device according to claim 14 or 15, wherein the identification means is adapted to project at least one luminous spot onto the surface or the object to be imaged.